

Water Quality Characteristics by Water Quality Zone

January 2002

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
Hardness ppm	1	186	143	112.8	101	314	3	61%
	2	101	101	10.5	91	120	9	10%
	3	125	95	47.3	91	197	10	38%
	4	86	88	10.6	70	98	8	12%
	5	104	97	22.5	82	165	12	22%
	6	100	97	9.4	90	119	9	9%
	7	110	108	14.1	93	141	10	13%
	8	204	217	51.6	131	252	4	25%
	9	111	96	34.4	85	172	6	31%
	10	134	134	84.9	74	194	2	63%
	System Wide	115	98	43.7	70	314	73	38%
TDS ppm	1	394	396	121.1	187	543	10	31%
	2	254	250	21.5	221	292	27	8%
	3	278	247	78.9	199	459	34	28%
	4	232	240	37.4	183	329	25	16%
	5	237	236	27.5	164	347	36	12%
	6	238	241	22.7	202	282	28	10%
	7	221	213	25.1	181	300	29	11%
	8	339	366	72.1	229	417	21	21%
	9	277	249	77.5	205	566	23	28%
	10	237	222	45.2	212	380	13	19%
	System Wide	261	241	67.9	164	566	246	26%
Sodium ppm	1	46	46	0.0	46	46	3	0%
	2	40	41	3.2	36	44	9	8%
	3	43	43	11.2	28	58	10	26%
	4	37	38	7.3	28	44	8	20%
	5	37	35	4.3	32	46	12	12%
	6	35	32	6.1	26	42	9	18%
	7	29	27	4.5	23	37	10	16%
	8	41	41	0.8	40	42	4	2%
	9	44	44	3.3	40	49	6	7%
	10	40	40	0.0	40	40	2	0%
	System Wide	38	39	7.5	23	58	73	20%

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<i>pH units</i>	1	7.6	7.5	0.28	7.4	8.2	10	4%
	2	8.1	8.1	0.07	8.0	8.2	27	1%
	3	8.0	8.0	0.20	7.5	8.2	34	3%
	4	8.0	8.0	0.13	7.5	8.2	25	2%
	5	7.9	8.0	0.19	7.4	8.2	36	2%
	6	7.9	8.0	0.23	7.4	8.2	28	3%
	7	7.9	7.9	0.11	7.6	8.1	29	1%
	8	7.7	7.5	0.20	7.4	8.1	21	3%
	9	7.9	7.9	0.25	7.3	8.2	23	3%
	10	7.9	7.9	0.13	7.5	8.0	13	2%
	System Wide	7.9	7.9	0.21	7.3	8.2	246	3%
<i>Chlorine ppm</i>	1	0.7	0.7	0.09	0.6	0.9	10	12%
	2	0.9	0.9	0.08	0.7	1.1	27	9%
	3	0.8	0.8	0.13	0.4	1.0	34	16%
	4	0.9	1.0	0.13	0.6	1.1	25	15%
	5	0.9	0.9	0.14	0.6	1.2	36	16%
	6	0.8	0.8	0.10	0.6	1.0	28	12%
	7	0.8	0.8	0.06	0.7	1.0	29	8%
	8	0.7	0.7	0.15	0.3	1.0	21	23%
	9	0.8	0.9	0.13	0.6	1.1	23	16%
	10	0.7	0.7	0.05	0.7	0.8	13	7%
	System Wide	0.8	0.8	0.13	0.3	1.2	246	16%
<i>Temperature deg C</i>	1	20.2	20.1	1.77	16.3	22.5	10	9%
	2	21.9	21.8	2.19	18.0	26.1	27	10%
	3	21.2	21.3	2.29	16.4	26.1	34	11%
	4	24.3	24.0	1.76	20.1	27.2	25	7%
	5	21.4	21.4	1.94	18.1	26.6	36	9%
	6	21.2	21.1	2.00	15.8	25.0	28	9%
	7	20.9	20.6	1.91	16.5	24.6	29	9%
	8	22.0	21.6	2.96	17.0	28.0	21	13%
	9	22.8	22.9	2.61	17.8	26.6	23	11%
	10	22.0	22.5	1.90	19.1	25.1	13	9%
	System Wide	21.8	21.6	2.37	15.8	28.0	246	11%